1-The most Common cause of Cushings syndrome is?

1. ACTH secreting pituitary adenoma
2. Prolonged glucocorticoids intake
3. Ectopic CRH secreting tumor
4. Adrenal adenoma

2-in obesity:

1. Only number of fat cells is increased
2. Only size of fat cells is increased
3. Only shape of fat cells is increased
4. Size and number of fat cells is increased

3-Adrenal cortical carcinoma is characterized by all of the following except:

1. Form a large mass exceeding 10cm. in greatest dimension
2. The tumor cells show atypical features
3. The tumor infiltrates the adjacent kidney
4. The tumor cells are positive for chromogranin

4-cortical adenoma is characterizedby:

1. Capsulated
2. A huge size
3. Marked haemorrhage and necrosis
4. Early distant spread

5-which one of the following is true of adrenal suppression due to st\_\_\_ therapy?

1. It is not associated with atrophy of the adrenal glands
2. It does not occur in patients receiving inhaled steroids
3. It should be expected in anyone receiving >5mg prednisolone
4. Following cessation, the stress response normalizes after 8 week

6-In which of the following conditions is glucocorticoid therapy contraindicated?

1. Pregnancy
2. Nontropical sprue
3. Bronchial asthma
4. Autoimmune haemolytic anemia

7-Insulin receptors in the target cells has one of the following enzyme activity:

1. Adenylate cyclase
2. Guanylate cyclase
3. Threonine kinase
4. Tyrosine kinase

8-which of the following is an effect of glucagon?

1. Increased amino acid uptake by cells
2. Promotes of hepatic ketogenesis
3. Increase hepatic glucose uptake
4. Promote triglyceride synthesis

9-Adrenal Medulla secretes in blood

1. Epinephrine only
2. Norepinephrine only
3. Both epinephrine and norepinephrine
4. Acetylcholine

10- stress response is mediated by

1. Decreased epinephrine
2. Decreased cortisol
3. Decreased ACTH
4. Increased epinephrine and cortisol